



**Supplemental Figure 1:** Production of lactate and acetate by *L. lactis* NZ9000 harboring pNZ-CAB (PHB accumulation) or pNZ-AB (no PHB accumulation) under different culture conditions. **A:** Lactate production; **B:** Acetate production. Cells were grown in M17 medium containing 1% (w/v) glucose, galactose or lactose and supplemented with L-arginine (0.3% (w/v)) or hemin (10  $\mu$ g/ml) as indicated at 30°C for 24 h. Lactate and acetate concentrations of the supernatants were determined as described in Materials and Methods and normalized according to OD<sub>600</sub>. All experiments were performed in triplicates and the average values and standard deviations are given.